

Table 10.4 from (1974AJ01): Radiative transitions in ${}^9\text{Be}(d, p){}^{10}\text{Be}$ ^a

E_x (keV)	Transition	ΔJ^π	Mult.	Branch (%)	τ_m (psec)	Γ_γ (meV)
3368.0 ± 0.2 ^b	$3.37 \rightarrow \text{g.s.}$	$2^+ \rightarrow 0^+$	E2	100	0.189 ± 0.020 ^g	3.48 ± 0.37
					0.160 ± 0.030 ^h	4.11 ± 0.78
5958.3 ± 0.3 ^{b,e}	$5.96 \rightarrow 3.37$	$2^+ \rightarrow 2^+$	M1	> 90	< 0.08 ^h	
	$5.96 \rightarrow \text{g.s.}$	$2^+ \rightarrow 0^+$	E2	< 10		
5959.9 ± 0.6 ^{c,e}	$5.96 \rightarrow \text{g.s.}$	$1^- \rightarrow 0^+$	E1	83_{-6}^{+10}	$1.1_{-0.3}^{+0.4}$ ^d	0.028 ± 0.012
	$5.96 \rightarrow 3.37$	$1^- \rightarrow 2^+$	E1	17_{-10}^{+6}		
6179.3 ± 0.7 ^d	$6.18 \rightarrow 5.96$	$0^+ \rightarrow 1^-$	E1	4.6 ± 1.5 ^d	$1.1_{-0.3}^{+0.4}$ ^d	0.028 ± 0.012
	$6.18 \rightarrow 3.37$	$0^+ \rightarrow 2^+$	E2	95 ± 2 ^d		0.57 ± 0.17
	$6.18 \rightarrow \text{g.s.}$	$0^+ \rightarrow 0^+$	E0	0.24 ± 0.08 ^d		$(1.4 \pm 0.6) \times 10^{-3}$
6263.3 ± 5 ^d	$6.26 \rightarrow 5.96$	$2^- \rightarrow 1^-$	M1	≤ 1 ^f		
		$2^- \rightarrow 2^+$	E1			
	$6.26 \rightarrow 3.37$	$2^- \rightarrow 2^+$	E1	99_{-2}^{+1} ^f		
	$6.26 \rightarrow \text{g.s.}$	$2^- \rightarrow 0^+$	M2	1 ± 1 ^f		

^a See also Tables 10.2 and 10.5 in (1966LA04).

^b From (1966GR18): ${}^9\text{Be}(n, \gamma){}^{10}\text{Be}$.

^c From (1966GR18, 1969RO12): see (1969AL17).

^d See (1969AL17).

^e (1966WA1C) and F.C. Young, private communication.

^f (1969RO12).

^g (1968FI09).

^h (1966WA10).